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NEW UNITED STATES UTILITY PATENT APPLICATION  
under 37 C.F.R. 1.53(b)

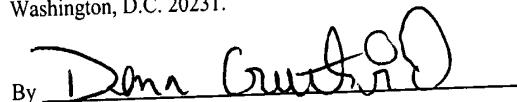
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SERVICE

EL572692287US

Atty. Docket No. 03848-00029

CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. § 1.10: The undersigned hereby certifies that this United States Patent Application and all papers noted herein as being attached, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 C.F.R. § 1.10 today, August 9, 2000, and is addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

By



Express Mail Label No.: EL572692287US

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

Enclosed herewith is a new patent application and the following papers:

Inventors (or application identifier): Yanxiang Cao, Lubert Stryer, David Lockhart, Catherine Dulac, Ian Tietjen, and Jason Rihel

Title of Invention: METHODS OF GENE EXPRESSION MONITORING

1.  Specification 42 pages (including specification, claims, abstract) / 45 claims (6 independent)
2.  A signed Declaration/Power of Attorney is:  
 attached in the regular manner.  
 NOT included, but deferred under 37 C.F.R. § 1.53(f). An unsigned copy is attached
3.  10 Distinct sheets of  Formal  Informal Drawings
4.  Preliminary Amendment.
5.  Information Disclosure Statement  
 Form 1449  
 A copy of each cited prior art reference
6.  Assignment with Cover Sheet.
7.  Priority is hereby claimed under 35 U.S.C. § 119 based upon the following application(s) (provisional and foreign applications):

Country	Application Number	Date of Filing (day, month, year)
US	60/148,081	09 AUG 1999 (09.08.99)

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8.  Priority is hereby claimed under 35 U.S.C. § 120 based upon the following application(s):

Country	Application Number	Date of Filing (day, month, year)
US	60/160,925	22 OCT 1999 (22.10.99)

9.  Priority document(s).

10.  Statement Claiming Small Entity Status.

11.  Microfiche Computer Program (Appendix).

12.  Nucleotide and/or Amino Acid Sequence Submission.
 

- Computer Readable Copy.
- Paper Copy (identical to computer copy).
- Statement verifying identity of above copies.

13. Calculation of Fees:

FEES FOR	EXCESS CLAIMS	FEE	AMOUNT DUE
Basic Filing Fee (37 C.F.R. § 1.16(a))			\$690.00
Total Claims in Excess of 20 (37 C.F.R. § 1.16(c))	25	18.00	\$450.00
Independent Claims in Excess of 3 (37 C.F.R. § 1.16(b))	3	78.00	\$234.00
Multiple Dependent Claims (37 C.F.R. § 1.16(d))	0	260.00	\$0.00
			\$1,374.00
Subtotal - Filing Fee Due		MULTIPLY BY	
Reduction by 50%, if Small Entity (37 C.F.R. §§ 1.9, 1.27, 1.28)	0		\$0.00
			\$1,374.00
<b>TOTAL FILING FEE DUE</b>			
Assignment Recordation Fee (if applicable) (37 C.F.R. § 1.21(h))	0	40.00	\$0.00
			\$1,374.00
<b>GRAND TOTAL DUE</b>			

14. PAYMENT is:

included in the amount of the GRAND TOTAL by our enclosed check. A general authorization under 37 C.F.R. § 1.25(b), second sentence, is hereby given to credit or debit our Deposit Account No. 19-0733 for the instant filing and for any other fees during the pendency of this application under 37 C.F.R. §§ 1.16, 1.17 and 1.18.

not included, but deferred under 37 C.F.R. § 1.53(f).

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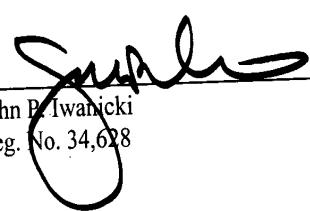
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15. All correspondence for the attached application should be directed to:

John P. Iwanicki  
BANNER & WITCOFF, LTD.  
28 State Street, 28th Floor  
Boston, MA 02109  
Telephone: (617) 227-7111  
Facsimile: (617) 227-4399

16. Other: \_\_\_\_\_

Date: August 9, 2000

By: 

John P. Iwanicki  
Reg. No. 34,628

JPI/lh  
Enclosures

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